TO BE COMPLETED BY APPICANT **EVALUATION FOR AGENCY USE ONLY**

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

The environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring the preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impacts.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply". IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (Part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "prosper," and "affected geographic area," respectively.

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A. BACKGROUND

1. Name of proposed project, if applicable: Effie Taylor Residential Easement No. 50-074842 proposal.

2. Name of applicant: State of Washington, Department of Natural Resources

3. Address and phone number of applicant and contact person:

   Roger Huestis
   Department of Natural Resources
   P.O. Box 190
   Colville, WA 99114-0190 (509) 684-7474

4. Date checklist prepared: May 29, 2003

5. Agency requesting checklist: Department of Natural Resources

6. Proposed timing or schedule (including phasing, if applicable):

   Bridge construction may begin anytime within the next five years, ending July 1, 2008.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

   No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

   None known

9. Do you know whether applications are pending for governmental approvals or other proposals directly affecting the property covered by your proposal? If yes, explain.

   An easement application for use of state land is on file, pending completion of SEPA review.

10. List any government approvals or permits that will be needed for your proposal, if known.

    A Hydraulic Application Permit may be required by the Washington State Department of Fish and Wildlife. A Stevens County Road Approach Permit will be obtained by the land owner, if necessary.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agency may modify this form to include additional specific information on project description.)

    This project involves the construction of a bridge and road approached over Type 4 Sawyer Creek. The bridge and approaches will be contained within a proposed easement that will encumber an approximate 50 foot long strip of state land, and will connect 40 acres of private land with the county road. The road and bridge running surface will be 10 to 12 feet in width.

    At the completion of the SEPA review, an easement will be issued for residential access to private property,with a provision that a bridge be built over Sawyer Creek. If the bridge is not built within five years, the easement will be cancelled.

    The bridge will replace the existing culverts and road fill on site that are in poor condition.

12. Location of proposal. Give sufficient information for a person to understand the precise location of your proposed project, including street address, if any, and Section, Township, and Range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographical map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any application related to this checklist.

    This proposal is located along the west property line of state land in the SW1/4NW1/4SW1/4 of Section 36, Township 35 North, Range 37 East, W.M., along the Ricky Canyon County Road. The project is located approximately one-half mile north of the Pleasant Valley Road - Ricky Canyon Road junction, and approximately five miles northeast of the community of Rice. See attached road location map.

B. ENVIRONMENTAL ELEMENTS

1. Earth

   a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

      The general area is flat to rolling and hilly.

b. What is the steepest slope on the site (approximate percent slope)?

25%

c. What general types of soils (for example: clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

6673 Republic gravelly sandy loam. This soil has a stability rating of stable and a low erosion potential rating.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

Small local events can be found along cut banks of main county and other roads within the WAUs. These consist primarily of sloughing of material into ditches and occasionally onto road surfaces.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

There will be some filling required on the project area on state land for bridge approaches. Fill will be acquired by the adjacent landowner. The source of the fill material has not yet been determined, although approximately 20 cubic yards of existing fill on site may be moved and utilized.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

There is potential for some minimal erosion to occur as a result of road and bridge construction activities. At the completion of construction, there should be less chance of erosion than what currently exists at the site.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

The right of way width for the easement will be 40 feet. The running surface of the road and bridge will be approximately 12 feet, resulting in 30% of the site being covered with impervious surfaces.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Bridge approaches and the bridge structure will be constructed for proper drainage. Proper road construction design/location, and construction techniques, should minimize the erosion potential. Existing fill within the stream channel at the site will be removed as a part of bridge construction. Disturbed areas adjacent to the bridge will be grass seeded at the completion of construction.

2. Air

a. What types of emissions to the air would result from this proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Proposed bridge construction will involve normal amounts of vehicle emissions and dust associated with movement of soil and placement of road surface rock. No significant impact to air quality is anticipated.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

None

3. Water

a. Surface

1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes, the seasonal Type 4 Sawyer Creek flows into Quillisacut Creek which flows into the Columbia River approximately five miles downstream.

2. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

   Yes, bridge construction will occur over Sawyer Creek. No bridge plans have been developed yet. The bridge will replace two culverts and fill currently in the stream channel.

3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of the fill material.

   Approximately 20 cubic yards of existing fill will be removed from the existing stream channel.

4. Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

   No

5. Does the proposal lie within a 100 year floodplain? If so, note location on the site plan.

   No

6. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

   No

b. Ground

1. Will ground water be withdrawn, or will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

   Ground water should not be significantly changed by this project.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemical . . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

   None

c. Water Runoff (including storm water):

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities if known). Where will this water flow? Will this water flow into other waters? If so, describe.

   Snow melt and rain are the main sources of water runoff. Runoff that is intercepted by road surfaces and ditches will be diverted onto the undisturbed adjacent ground where possible.

2. Could waste material enter ground or surface waters? If so, generally describe.

   No

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Outsloping and road surface crowning and ditching will be constructed to control surface and runoff water impacts.

4. Plants

a. Check or circle types of vegetation found on the site:

_x_ Deciduous tree: Cottonwood
_x_ Evergreen tree: Douglas fir
___ Shrubs
_x_ Grass
___ Pasture
___ Crop or grain
___ Wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other: none
___ Water plants: water lily, eelgrass, milfoil, other: none
_ _ Other types of vegetation:

b. What kind and amount of vegetation will be removed or altered?

Minimal amounts of vegetation will be removed as the project site currently contains a stream crossing.

c. List threatened or endangered species known to be on or near the site.

There are no threatened or endangered plant species known to be on site.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Grass seeding along roads on disturbed soils will help to prohibit the spread of noxious weeds.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are know be to on or near the site:

Birds: hawk, heron, eagle, songbirds, other: hawk, songbirds, grouse, crows and turkey
Mammals: deer, bear, elk, beaver, other: deer.
Fish: bass, salmon, trout, herring, shellfish, other: none

b. List any threatened or endangered species known to be on or near the site.

The proposal is within a bull trout evolutionary significant unit (ESU).

c. Is the site part of a migration route? If so, explain.

No

d. Proposed measures to preserve or enhance wildlife, if any:

None

6. Energy and Natural Resources

a. What kinds of energy (electrical, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

The completed project will not require energy.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

Does not apply

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.

Minimal hazard incident to operating or working around heavy machinery.

1. Describe any emergency services that might be required.

   Washington Department of Ecology will be notified if any spills occur and appropriate action will be taken.

2. Propose measures to reduce or control environmental health hazards, if any:

   None

b. Noise

1. What types of noise exist in the area, which may affect your project (for example: traffic, equipment, operations, other)?

   There are no existing noises that will affect the project.

2. What types of levels of noise would be created by or associated with the project on a short-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

   During the bridge construction, there will be some noise associated with heavy equipment operations.

3. Proposed measures to reduce or control noise impacts, if any:

   None

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties?

The site and adjacent sites are currently used for a mixture of residential, agricultural, and timber production purposes.

b. Has the site been used for agriculture? If so, describe?

No, the project site will provide access to adjacent sites to the west that have been used for agriculture.

c. Describe any structures on the site.

There are currently two culverts on the site.

d. Will any structures be demolished? If so, what?

It is anticipated under the terms of a proposed easement that the culverts will be removed and replaced with a bridge structure.

e. What is the current zoning classification of the site?

Minimum requirements

f. What is the current comprehensive plan designation of the site?

Minimum requirements

g. If applicable, what is the current shoreline master program designation of the site?

Does not apply

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

Does not apply

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The bridge construction and easement proposal will provide for current agricultural and residential land uses on adjacent private land to continue. The proposal will have no impacts on timber management on adjacent state land.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Does not apply

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Does not apply

c. Proposed measures to reduce or control housing impacts, if any:

Does not apply

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The proposed bridge structure will be below the level of the nearby county road. Bridge plans have not been finalized, but potential materials include concrete or metal for bridge supports, and wooden running surface.

b. What views in the immediate vicinity would be altered or obstructed?

None

c. Proposed measures to reduce or control aesthetic impacts, if any:

None

11. Light and Glare

a. What kind of light or glare will the proposal produce? What time of day would it mainly occur?

None

b. Could light or glare from the finished project be a safety hazard or interfere with views?

Does not apply

c. What existing off-site sources of light or glare may affect your proposal?

None

d. Proposed measures to reduce or control light and glare impacts, if any:

None

12. Recreation

a. What designated and informal recreation opportunities are in the immediate vicinity?

Informal: Hunting, fishing, hiking, and other dispersed recreation.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No

b. Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant, if any:

None

13. Historical and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

None known

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site? If so, generally describe.

None

c. Proposed measures to reduce or control impacts, if any:

If an unknown historic or cultural resource is discovered during road construction, the following process will occur: 1) Cease operations affecting the discovered site. 2) Physically identify the site on the ground so it can be located and impacts mitigated (a buffer and road re-location if necessary). 3) Contact region state lands assistant and district manager, and work in collaboration on timing, confidentiality, and notification of tribes and other affected parties.

14. Transportation

a. Identify public streets and highways serving the site, and description proposed access to the existing street system. Show on site plans, if any.

Accessed from State Highway 25 South, Pleasant Valley County Road, and Ricky Canyon County Road.

b. Is the site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No

c. How many parking spaces would the completed project have? How many would the project eliminate?

Does not apply

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

The site will be used as a private driveway.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicle trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Possibly one or two round trips per day.

g. Proposed measures to reduce or control transportation impacts, if any:

None

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

None anticipated.

b. Proposed measures to reduce or control direct impacts on public services, if any.

No impacts on public services is anticipated.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

None

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

No utilities are proposed for this project.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date Submitted: _____

Approved By: _____

Title: _____

Date: _____

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